www.seikidigital.com

SEIKI™

Flat Panel
LCD Television

SC191FS

Instruction Manual

En

LCD
SERIES

Read all of these instructions carefully before using this television.
Keep these instructions in a safe place for future reference.

© 2012 Seiki Digital Inc. All rights reserved.

Printed in China

Important Safety Instructions

- Read these instructions – All the safety and operating instructions should be read before this product is operated.
- Keep these instructions – The safety and operating instructions should be retained for future reference.
- Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
- Follow all instructions – All operating and use instructions should be followed.
- Do not use this apparatus near water – The appliance should not be used near water or moisture –for example, in a wet basement or near a swimming pool, and the like.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacture's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

- Unplug the apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Please keep the unit in a well-ventilated environment.
- WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
- WARNING: The wall socket plug is used as disconnect device, the disconnect device shall remain readily operable.
- WARNING: The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
-

- This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
- Warning: To reduce the risk of electric shock, do not remove cover (or back) as there are no user -serviceable parts inside. Refer servicing to qualified personnel.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.
- This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

Contents

Important Safety Instructions 2
Caution 4
Safety Information 5
What's Included 6
Getting Started 7-8
Front / Rear View 7-8
Wall Mounting 8
Connecting to External Devices 9
Remote Control Key Functions 10-11
Operating Your Television 12-21
Setup Wizard 12-13
Navigating the Onscreen Display 14
Choosing a TV Channel 14
Selecting Input Source 15
Picture Menu Options 15
Audio Menu Options 16
Time Menu Options 16
Setup Menu Options 17-18
Lock Menu Options 19
Channel Menu Options 20-21
Parental Menu Options 22
Troubleshooting 23-25
FCC 26
Specifications 26

Caution

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the persons.

This product contains electrical or electronic materials. The presence of these materials may, if not disposed of properly, have potential adverse effects on the environment and human health.
Presence of this label on the product means it should not be disposed of as unsorted waste and must be collected separately. As a consumer, you are responsible for ensuring that this product is disposed of properly.

This TV incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Safety Information

To ensure reliable and safe operation of this equipment, please read carefully all the instructions in this user guide, especially the safety information below.

Electrical safety

- The TV set should only be connected to a main power supply with voltage that matches the label at the rear of the product.
- To prevent overload, do not share the same power supply socket with too many other electronic components.
- Do not place any connecting wires where they may be stepped on or tripped over.
- Do not place heavy items on them, which may damage the leads.
- Hold the main plug, not the wires, when removing from a socket.
- During a thunderstorm or when not in using the television for long periods, turn off the power switch on the back of the television.
- Do not allow water or moisture to enter the TV or power adapter. Do NOT use in wet, moist areas, such as bathrooms, steamy kitchens or near swimming pools.
- Pull the plug out immediately, and seek professional help if the main plug or cable is damaged, liquid is spilt onto the set, if accidentally exposed to water or moisture, if anything accidentally penetrates the ventilation slots or if the set does not work normally.
- Do not remove the safety covers. There are no user serviceable parts inside. Trying to service the unit yourself is dangerous and may invalidate the product's warranty. Qualified personnel must only service this apparatus.
- To avoid battery leakage, remove exhausted batteries from the remote control, or when not using for a long period.
- Do not break open or throw exhausted batteries on a fire.

Physical safety

- Do not block ventilation slots in the back cover. You may place the TV in a cabinet, but ensure at least 5cm (2") clearance all around.
- Do not tap or shake the TV screen, or you may damage the internal circuits. Take good care of the remote control.
- To clean the TV use a soft dry cloth. Do not use solvents or petroleum based fluids.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong, the wide blade, or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs.
- Unplug the apparatus during lightning storms or when unused for long periods.
- Refer all servicing to a qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled, or objects have fallen into the apparatus, has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Please always connect your television to a power outlet with protective ground connection.

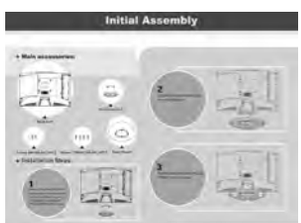
What's Included

Unit and Accessories

TV

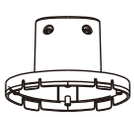
Remote control with batteries

User's Manual



Initial assembly

warranty card



The stand support

The base stand

Screw TPW3X12A-HO,4PCS

Getting Started

Front View

IR
Infrared Receiver

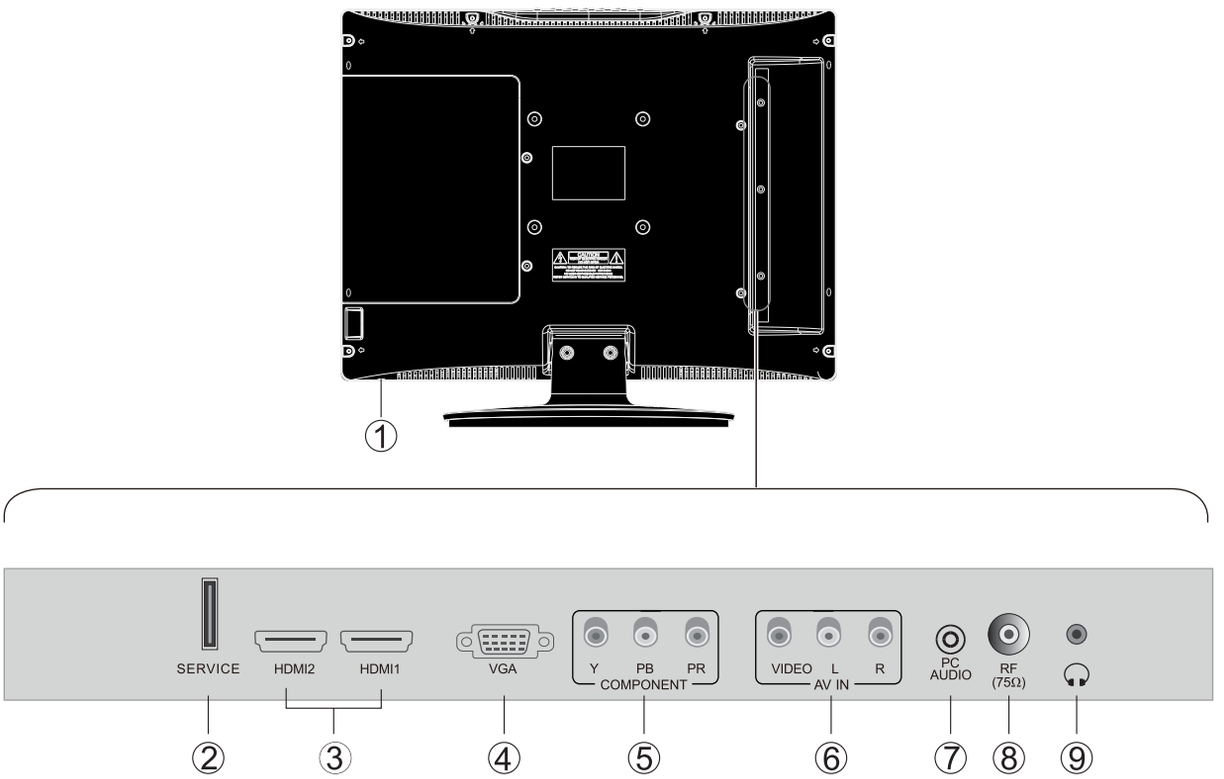
LED
The LED light indicates when the LCD TV is activated.

The function of the buttons are described below:

POWER: Turn on/standby the TV set.
SOURCE: Press to display the input source menu.
MENU: Press to display the OSD menu, press again to exit the menu.
CH +/-: Press to scan through channels.
VOL +/-: Press to adjust the volume.

Getting Started

Rear View



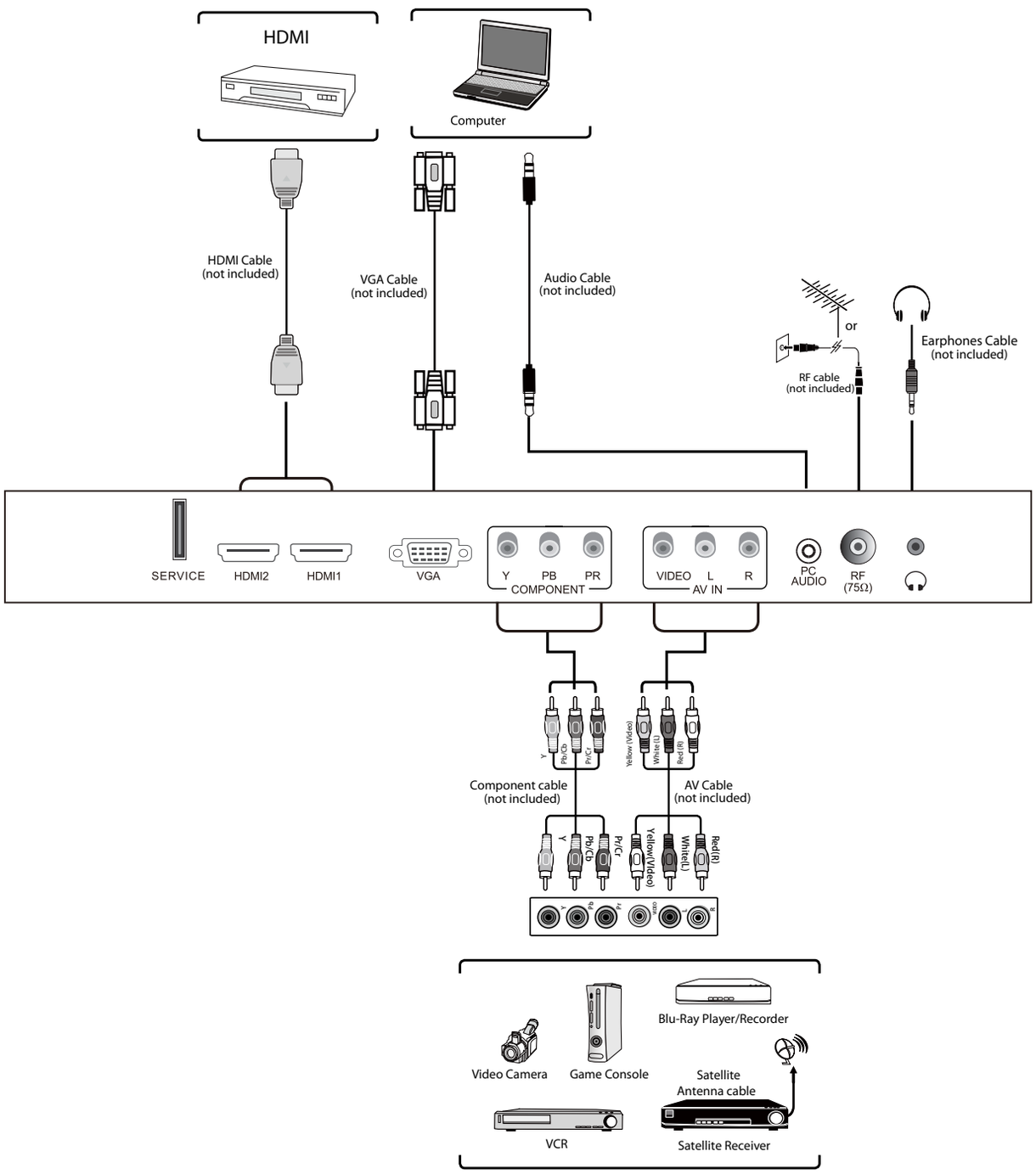
1. AC power input terminal.
2. SERVICE port.
3. HDMI1 / HDMI2 input.
4. VGA input.
5. Component input terminal.
6. AV input.
7. PC AUDIO input.
8. Antenna input (75 Ohm VHF/ UHF).
9. Headphone output.

Wall Mounting

The TV is provided with mounting holes for a VESA approved wall mounting bracket (NOT SUPPLIED). Remove the screws holding the base to the base bracket and lift the base away (do not remove the base mounting brackets). Mount the VESA bracket using **4 x M4x10** isometric threaded screws (not supplied). Do not use screws longer than **10** mm; damage will occur to the internal parts.

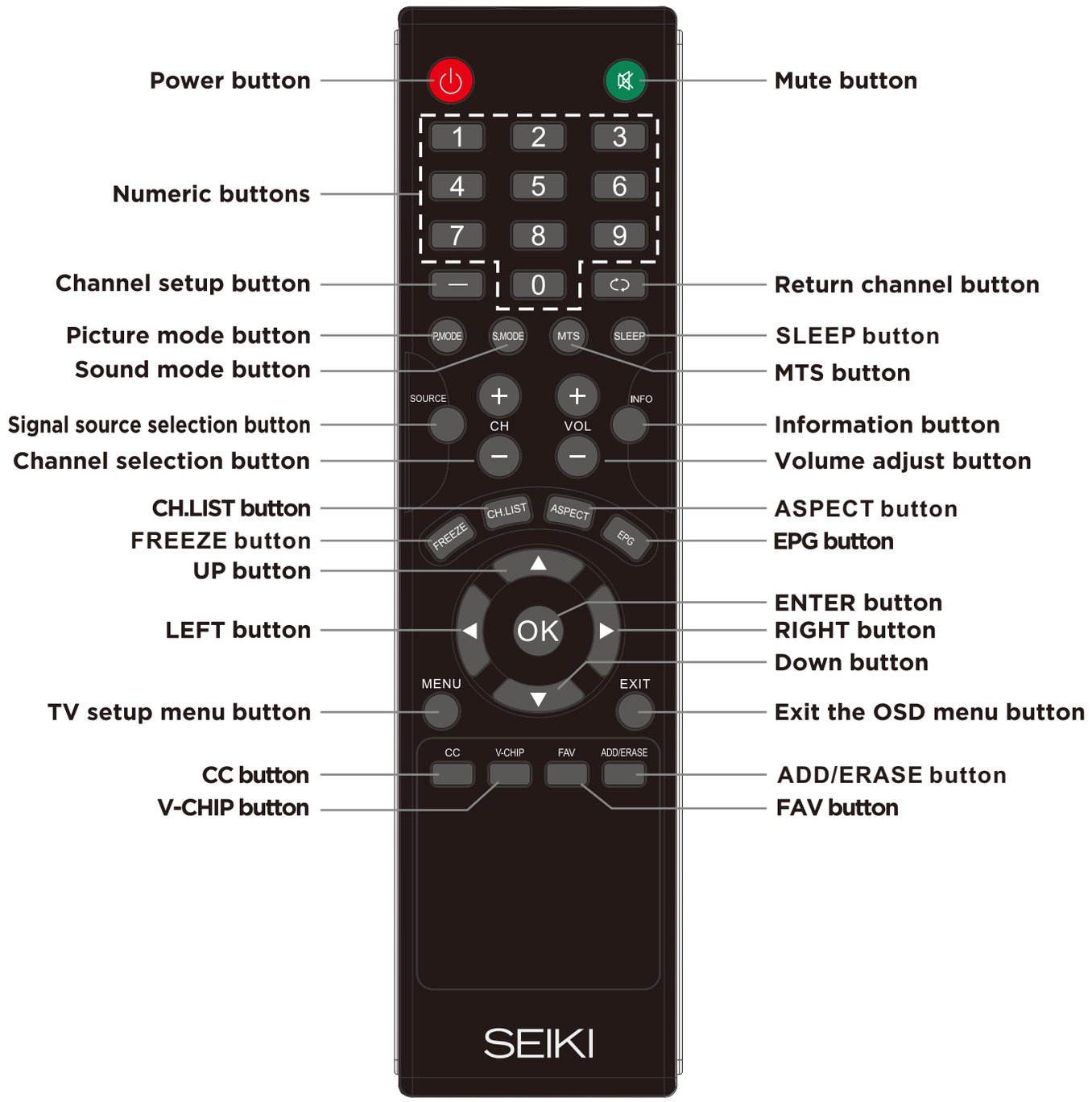
Caution: Your new TV is heavy; please consult with a professional wallmount installer to perform this installation.

Connecting to External Devices



Note: Y Pb Pr and VIDEO share with audio in R/L.

Remote Control Key Functions



If there is light around the TV, the remote control may fail or work abnormally.
If not using the remote for a long period of time, please remove the batteries.
Remote control function keys to practice prevail.

Remote Control Key Functions

POWER: Power on/off button,press once to turn the TV on and press again to turn the TV off.

MUTE: Mute button, press once to disable the audio and press again to enable the audio.

0~9: TV channel selection button.

—: Press this button to enter a program number for multiple program channel such as 2-1, etc.

: Previous channel button, return to the previous channel watched.

P.MODE: Setting the picture mode.

S.MODE: Setting the sound mode.

MTS: Press to select the audio channels.

- Make sure the TV has searched the channel and that there is a Analog Stereo / Dual Sound Signal shown on the program.
- Then press the MTS (Multichannel Television Sound) button to select STEREO, MONO and SAP.

SLEEP: Sleep button,setting TV power off time.

SOURCE: Signal source selection button (TV/AV/ Component/HDMI1/HDMI2 /VGA)

INFO: Press info button to view the current channel. Press again to remove channel information.

CH+/-: Channel selection button, to increase or decrease channel.

VOL+/-: Volume adjusting button, to increase or decrease the volume.

FREEZE: Freeze picture for TV.

CH.LIST: Display program list.

ASPECT: Select display mode: Wide/Wide Zoom/Zoom/Standard.

EPG: Electronic Program Guide function.

▲/▼(Up/Down): Up and down button of OSD menu. To change the OSD menu items.

◄/►(Left/Right): Left and right button of the OSD menu. To select the OSD menu items .

OK: To confirm the choice with the highlighted menu item.

MENU: OSD menu button,to enter the TV setup menu.

EXIT: Press the EXIT to exit operation.

CC: Closed Caption select button ON, OFF or CC ON Mute.

V-CHIP: Setting up parental contol.

FAV: Display favorite of program list.

ADD/ERASE: Add or deleted Favorite channel.

Operating Your Television

Basic Operations
Turning Your TV On and Off

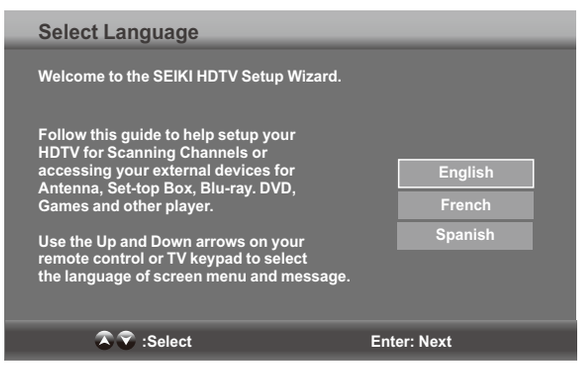
TURN ON LED TV

1. Connect to power with the main power cable, at this time the TV will enter STANDBY mode and the LED will be red.
2. From the STANDBY mode, use the POWER button either on the main unit or on the remote to turn your television on.

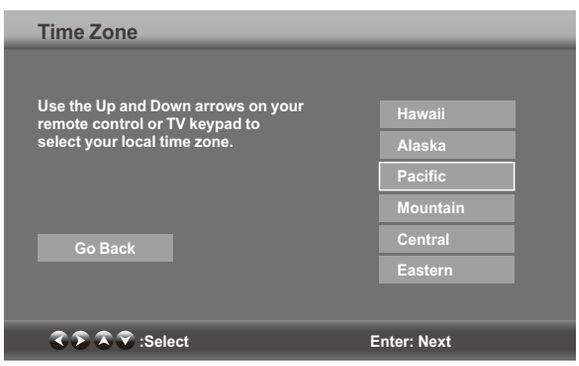
TURN OFF LED TV

From ON mode, use the POWER button either on the main unit or on the remote to turn your television to STANDBY mode.

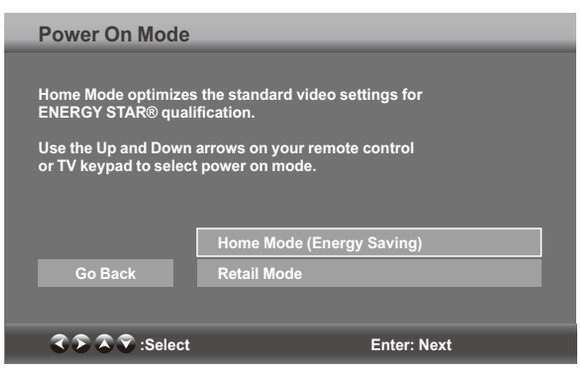
SETUP WIZARD


Select Language
Welcome to the SEIKI HDTV Setup Wizard.
Follow this guide to help setup your HDTV for Scanning Channels or accessing your external devices for Antenna, Set-top Box, Blu-ray. DVD, Games and other player.
Use the Up and Down arrows on your remote control or TV keypad to select the language of screen menu and message.
English
French
Spanish
:Select
Enter: Next

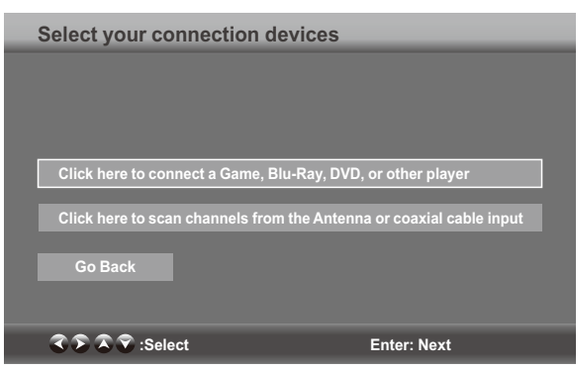
1



2


Power On Mode
Home Mode optimizes the standard video settings for ENERGY STAR® qualification.
Use the Up and Down arrows on your remote control or TV keypad to select power on mode.
Home Mode (Energy Saving)
Retail Mode
Go Back
:Select
Enter: Next

3


Select your connection devices
Click here to connect a Game, Blu-Ray, DVD, or other player
Click here to scan channels from the Antenna or coaxial cable input
Go Back
:Select
Enter: Next

4

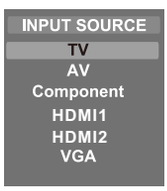
Home Mode (Energy Saving): Select Home Mode to maximize energy efficiency. Please note if you select Home Mode the picture will be darker. This mode meets the requirements of Energy Star® qualification.

Retail Mode: Select Standard Mode if you would like your picture to be brighter. At times this mode may use more energy to operate the Volume/Sound Mode and the Picture Mode. In this setting ,the power consumption may possibly exceed the limited requirement of the Energy Star® qualification.

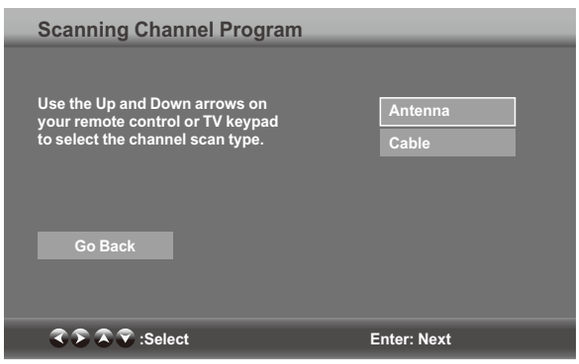
The ON-MODE Power under Home mode should be less than 24W.

The sleep mode power should be less than 1W.

Operating Your Television

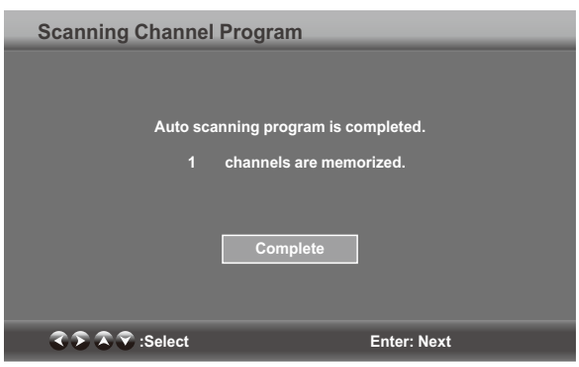


5

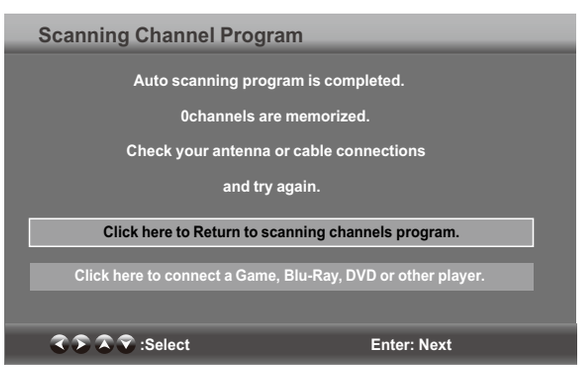

Scanning Channel Program
Use the Up and Down arrows on your remote control or TV keypad to select the channel scan type.
Antenna
Cable
Go Back
:Select
Enter: Next

6

7



8


Scanning Channel Program
Auto scanning program is completed.
0channels are memorized.
Check your antenna or cable connections
and try again.
Click here to Return to scanning channels program.
Click here to connect a Game, Blu-Ray, DVD or other player.
:Select
Enter: Next

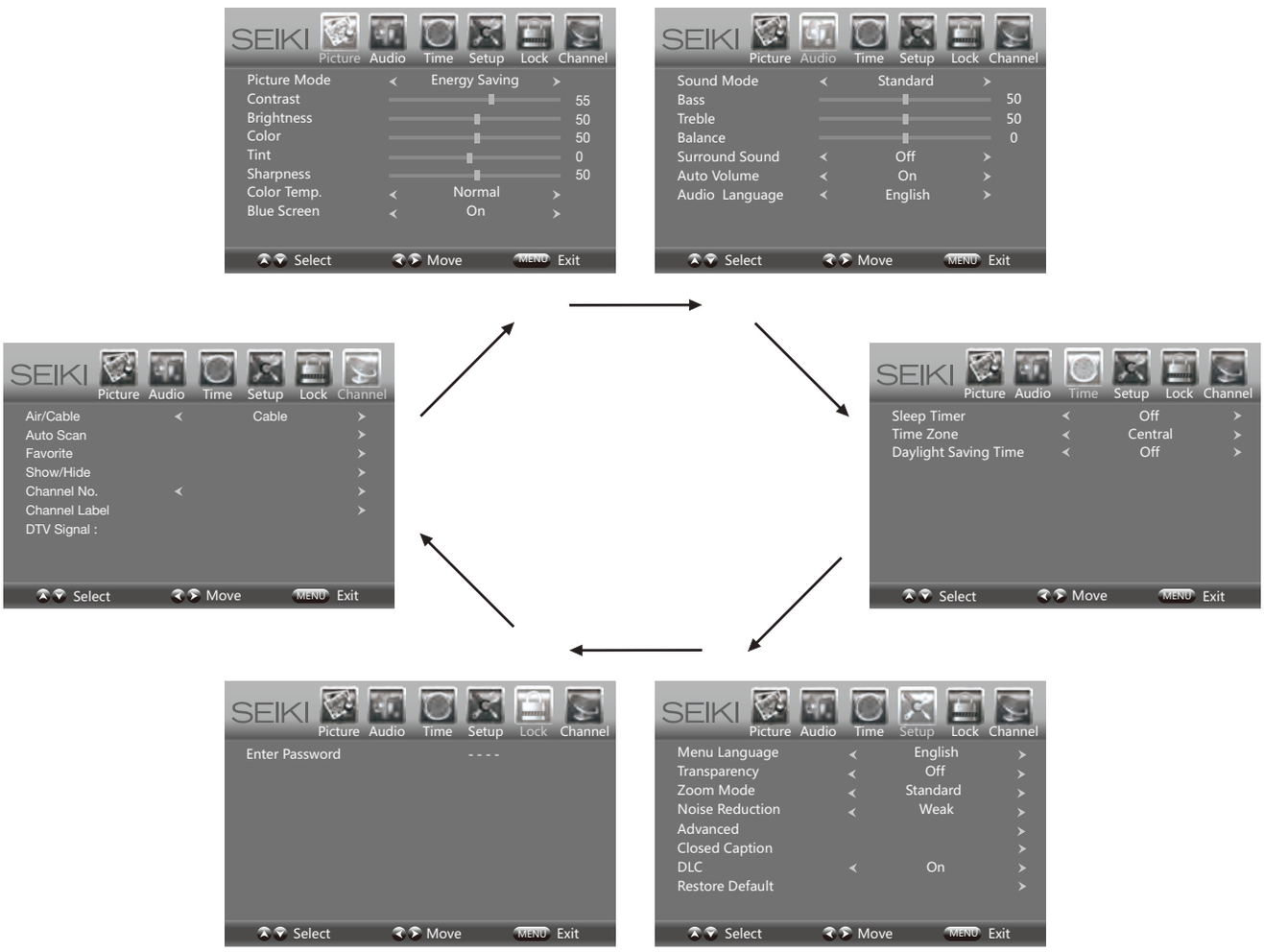
If channels can not be found, this frame will be displayed automatically.

9

Operating Your Television

Navigating the Onscreen Display

- Press the MENU button to display the main menu.
- Use ◀ / ▶ buttons to navigate and select the available menus.



Choosing a TV Channel

1. Use the **CH+/CH-** on the front panel or on the remote control.
   - Press **CH+** to increase the channel.
   - Press **CH-** to decrease the channel.

2. Using **0-9** remote keys.

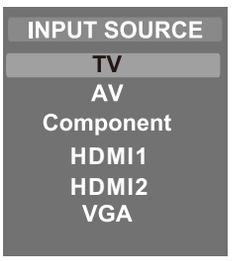
Enter the channel number with the 0-9 remote keys, then press "**OK**" to select the channel.
For example:

1. Press 4, then press "**OK**" to select channel 4.
2. Press 4, then press 5, then press " **OK**" to select channel 45.
3. Press 1, then press 2, then press 1, finally press " **OK**" to select channel 121.

Operating Your Television

Selecting Input Source

You can display the input screen menu by pressing **SOURCE** on the remote control or **SOURCE** on the front panel, press ▲/▼ button to select, press "**OK**" to confirm.



Picture Menu Options

Press the **MENU** on the front panel or **MENU** on the remote control and then use ◀/▶ to move the **PICTURE** menu, press ▼or **OK** to enter (see picture below).

Picture Mode

Select the type of picture which best corresponds to your viewing preferences by selecting Picture Mode in the **PICTURE** menu. You may select the picture mode directly by pressing the **P.MODE** button in the remote control.

Contrast
Press ▲/▼ and then use ◀/▶ to adjust the contrast of the picture.

Brightness
Press ▲/▼ and then use ◀/▶ to adjust the brightness of the picture.

Color
Press ▲/▼ and then use ◀/▶to adjust the color of the picture.

Tint
Press ▲/▼ and then use ◀/▶ to adjust the tint of the picture.

Sharpness
Press ▲/▼and then use ◀/▶to adjust the sharpness of the picture.

Color Temp.
Press ◀/▶ to select mode: Cool, Warm, Normal.

Blue Screen
Press ▲/▼ and then use ◀/▶ to select On or Off.

Operating Your Television

Audio Menu Options

Press the **MENU** on the front panel or **MENU** on the remote control and then use ◀/▶to select the **AUDIO** menu, press ▼ or **OK** to enter it (see picture).

Sound mode
Press ▲/▼ and then use ◀/▶ to select User, Standard, Music and Movie.

Bass
Press ▲/▼ and then use ◀/▶ increase or decrease the level of the lower-pitched sounds.

Treble
Press ▲/▼ and then use ◀/▶ to increase or decrease the level of higher-pitched sounds.

Balance
Press ▲/▼ and then use ◀/▶ to adjust the audio output between left and right speakers.

Surround Sound
Press ◀/▶ to switch Sound Surround On or Off.

Auto Volume
Press ◀/▶ to switch auto volume control On or Off. This function allows volume to be controlled automatically.

Audio Language
Press ◀/▶ to select the audio language from: English, French and Spanish.

Time Menu Options

Press the **MENU** on the front panel or **MENU** on the remote control and then use ◀/▶ to select the TIME menu, press ▼ or **OK** to enter (see picture).

Sleep Timer
Press ▲/▼ and then use ◀/▶ to set up the sleep timer from among: Off, 5 Min, 10 Min, 15 Min, 30 Min, 45 Min, 60 Min, 90 Min, 120 Min, 180 Min or 240 Min.

Time Zone
Press ▲/▼ and then use ◀/▶ to set up the time zone from: Pacific, Alaska, Hawaii, Eastern, Central or Mountain.

Daylight Saving Time
Press ▲/▼ and then use ◀/▶ to set up the daylight saving time On or Off.

Operating Your Television

Setup Menu Options

Press the **MENU** on the front panel or **MENU** on the remote control and then use ◀/▶ to select the SETUP menu, press ▼ or **OK** to enter (see picture).

Menu Language
Press ▲/▼ and then use ◀/▶ to select menu language for either English, French or Spanish.

Transparency
Press ▲/▼ and then use ◀/▶ to turn on or off the transparency function.

Zoom Mode
Press ▲/▼ and then use ◀/▶ to select the zoom for either **Wide, Wide Zoom, Zoom or Standard.**

Noise Reduction
Press ▲/▼ and then use ◀/▶ to adjust the noise reduction mode for either Weak, Middle, Strong or Off.

Advanced
Press ▲/▼ and then use ◀/▶ to select the advanced options between H-POS, V-POS, Clock, Phase, Auto (only used in VGA source mode).

H-POS
Press ▲/▼ and then use ◀/▶ to adjust the H-POS of the picture.

V-POS
Press ▲/▼ and then use ◀/▶ to adjust the V-POS of the picture.

Clock
Press ▲/▼ and then use ◀/▶ to adjust the Clock of the picture.

Phase
Press ▲/▼ and then use ◀/▶ to adjust the Phase of the picture.

Auto
Press ▲/▼ and then use ▶ to adjust the picture.

Closed Caption
Press ▲/▼ and then use ◀/▶ to use the down button to highlight the close caption item, then press the RIGHT button to enter into the following menu.

CC Mode
Allows you to select the CC Mode among: On, Off or CC on Mute.

Basic Selection
Allows you to select the basic selection among:CC1, CC2, CC3, CC4, Text1, Text2, Text3 and Text4.

Advanced Selection
Press ▲/▼ and then use ◀/▶ to select the advanced selection among: Service1, Service2, Service3, Service4, Service5, or Service6.

Operating Your Television

Setup Menu Options

OPTION

Press ▲/▼and then use ▶ to enter into the following menu.
Press ▲/▼and then use ◀/▶to select.

DLC

Press ▲/▼ and then use ◀/ ▶ to turn dynamic luminance control On or Off.

Restore Default

Select “Restore Default”, press OK and it will display “Are you sure?”
Select “Yes” to select the factory default settings.

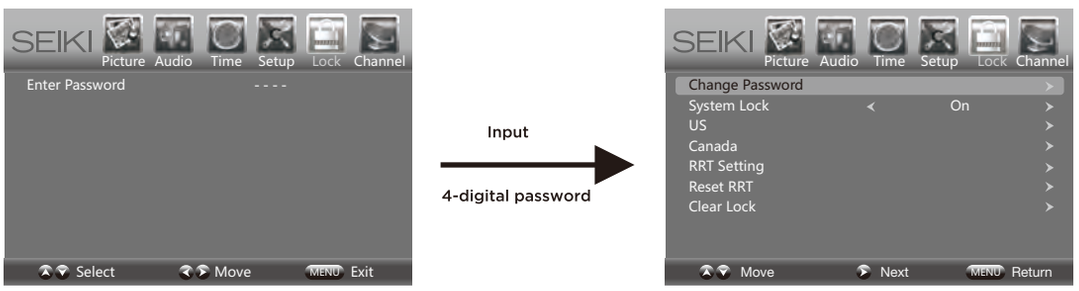
Operating Your Television

Lock Menu Options

Press the **MENU** on the front panel or the **MENU** on the remote control and then use the ◀/▶ to select the **LOCK** menu, press ▼ button or **OK** to enter it.

Use the ▼ button to enter the "Enter Password" selection and use the numeric keys to input a 4-digit password. The screen will display the sub-menu. After setting, press the Menu button to exit.

NOTE: The factory password is 0000.



Change Password
Press ▼ button to select the "Change Password" selection and then press the ▶ button to enter into the following menu. Input the 4-digit password once and again to confirm.

System Lock
Allows you to turn On or Off the system lock. If you turn off the system lock, then the following options (US, Canada, RRT Setting and Reset RRT) are unavailable for use.

US Rating
Use the ▼ button to highlight the "US" selection, then press the ▶ button to enter into the following menu.

Canada Rating
Use the ▼ button to highlight the "Canada" selection, then press the ▶ button to enter into the following menu.

Canada English
Use ◀/▶ buttons to select among: E, C, C8+, G, PG, 14+ and 18+

Canada French
Use ◀/▶ buttons to select among: E, G, 8ans+, 13ans+, 16ans+ and 18ans+.

RRT Setting
Rating Region Table setting.

Reset RRT
Allows you to reset the RRT setting.

Clear Lock
Clear lock of RRT.

Operating Your Television

Channel Menu Options

Press the **MENU** on the front panel or remote control and then use ◀/▶ to select the **CHANNEL** menu, Press ▼ or OK to enter (see picture).

Air/Cable

Allows you to select the input signal between Air and Cable.

If you select “Air” as the input signal in the “Antenna” item, you can press the ▶ button to search the channels automatically.

The receiver channels will be stored automatically.
When searching channels, press **MENU** to stop.

If you select “Cable” as the input signal in the “Antenna” item, this allows you to select Cable System between: AUTO, STD, IRC and HRC. Use the ▼ button to highlight “Start to Scan”, then press the ▶ button to search the channels automatically. The receivable channels will be stored automatically. When searching channels, press **MENU** to stop.

Auto Scan

Use the ▼button to highlight “Auto Scan”, then press the ▶ button to enter into the menu.

Favorite

Allows you to add any channels that you flag to your favorite channel list.

Use the ▲/▼ button to highlight the “Favorite” channel, then press the ▶ button to enter into the menu.

Use the ▲/▼ button to highlight the desired channel, then press the **OK** button to add or remove the highlighted channel as a favorite.

Operating Your Television

Show/Hide

Allows you to show or hide the channels.
Use the ▲/▼ button to highlight the "Show/Hide" item, then press the ▶ button to enter the menu.

Use the ▲/▼ button to highlight the desired item, then press the **OK** button to show or hide the highlighted channel.

Channel No.
Display the number of current channel.

Channel Label
Display the label of current channel.

DTV Signal
Display the quality of current DTV signal.

Parental Menu Options

Parental Control

Press Enter to enter the sub-menu and then use the 0-9 to enter the correct password: 0,0,0,0. If used, this option feature can "block" undesirable programming from appearing on the TV. Parental Control offers the user a wide variety of options and settings that restrict or "block" the programming that can appear on the TV. Parental Control allows the user the capability of defining which program rating they consider acceptable, to the younger more sensitive viewer. It can be preset and turned either on or off by the user who specifies the secret 4-number code, the password. The number of hours blocked are specified. General audiences and children blocks should be both programmed into the TV's memory. Viewer ratings are specified for both TV and the motion picture industry; both rating systems should be used, for complete coverage. The ratings are based on the ages of children.

Overview

To ensure complete coverage for all TV programs, (movies and regular TV shows) choose a rating for MPAA, from the selections below, as well as ratings from the TV Parental Guidelines Rating Systems below, using the Age Block option for General Audiences, and for children. In addition to those, you may wish to add additional restrictions from the content block menu, and submenus examples below.

Things to Consider before Setting up Parental Control

Determine which rating you consider acceptable to the viewer. (For example, if you choose TV-PG, more restrictive ratings will be automatically blocked; the viewer will not be able to see: TV-PG, TV-14, or TV-MA rated programming.) Do you want to block the auxiliary video source entirely? (Blocks the signal sent by the equipment, such as VCR, connected to the TV Audio/Video input jacks) Or leave unblocked, then choose allowable ratings. Block program "Content" based on individual parameters such as: Strong Dialog, Bad Language, Sex Scenes, Violence Scenes, or Fantasy. Violent Scenes; in Content Blk option. Select a secret password, in the Set Password option, using the numbers keys on the remote. Do not forget the password, it is the only way you can access the Parental Control menu and change rating selections, or turn Parental Control off. Do you want the Parental Control to be active at all times? If not, you can turn it on or off with the Lock On/Off option.

- You can set different Parental Control viewing restrictions for general audiences and for children, both can be active at the same time.
- Simply specifying one content block such as Sex Scenes, will not automatically restrict the programming that appears from the video sources.
- Even if you choose to leave the AUX inputs unblocked, the ratings you specify will automatically restrict the programming that appears from the video sources.
- You can not disable Parental Control by disconnecting the TV from power. Block hours will be automatically reset to the original block time setting specified if power is disconnected.

Information

Motion Picture Association of America (MPAA) Rating System

Grade		Meaning
G	General Audiences	Content not offensive to most viewers
PG	Parental Guidance Suggested	Content is such that parents may not want their children to view the program
PG-13	Parental Guidance Cautioned	Program is inappropriate for preteens, with a greater degree of offensive material suggested than a PG rated program
R	Restricted viewing	Not for children under 17, Strong element of sex and/or violence
NC-17	No Children Under age 17	Not for children under 17 under any circumstances. Strong sexual content
X	Hard Core Films	Same as NC-17 rating
No Rating	No Rating	MPAA Not Rated

TV Parental Guideline Rating System

Grade		Meaning
TV-Y	Young Children	Content not offensive to most viewers
TV-Y7	Children 7 and over	Considered suitable for children over 7, may contain Fantasy Violence Scenes
TV-G	Parental Audience	Considered suitable for all audiences; children may watch unattended
TV-PG	Parental Guidence	Suggested Unsuitable for younger children, may contain; Suggestive Dialogue, Bad Language, Sex, and Violence Scenes
TV-14	Parents Strongly Cautioned	Unsuitable for children under 14, may contain: Strong Dialogue, Bad Language, Sex, and Violence Scenes
TV-MA	Mature Audience Only	Adults only, may contain Strong Dialogue, Bad Language, Sex, and Violent Scenes

Canadian Rating: *Canadian English is used throughout all English-speaking Canada (C, C8+, G, PG, 14+, 18+).*
Canadian French is used in Quebec (G, 8 ans+, 13 ans+, 16 ans+, 18 ans+)

Note: The V-Chip will automatically block certain categories that are "more restrictive". If you block TV-Y category, then TV-Y7 will be automatically blocked. Similarly, if you block TV-G category, then all the categories in the "young adult" will be blocked (TV-G, TV-PG, TV-14, and TV-MA).

Troubleshooting

If your television does not operate normally or does not turn on, please check the following troubleshooting questions. Remember to also check the other connected electronic devices, such as DVDs or Blu-ray players to pinpoint any problem. If the television still fails to operate normally, please contact technical support (refer to Warranty page).

SYMPTOM	POSSIBLE CAUSE	REMEDY
Dead. No LED lit	No power to the TV.	Check all connections to the TV's AC socket.
Dead. No LED lit red	Set in standby mode.	Press either the Power button or the Standby button on the remote control.
Blue screen	No signal.	Press SOURCE button to select the correct source
	Incorrect source selected.	
Noisy, snowy, ghosting picture (TV)	Poor antenna signal.	If using an indoor antenna, try adjusting the antenna postion. Check antenna connections
No sound	Sound "Mute".	Turn sound "Mute" OFF.
	Volume set too low.	Check volume settings.
	External leads not connected "if used".	Check that all external leads are connected properly.

Troubleshooting

Before contacting the service technician, perform the following simple checks. If any problem still persists, unplug the LED TV and call for assistance.

PROBLEM	POSSIBLE SOLUTION
No sound and picture	- Check that the main plug has been connected to a wall outlet - Check that you have pressed the POWER button on the front of the TV set - Check the picture contrast and the brightness setting
Red LED indicator light	Set in standby mode. Press either the POWER button or the Standby button on the remote control
Normal picture but no sound	- Check the volume - Sound muted? Press the MUTE button - Try another channel, the problem may be with the broadcast - Are the audio cables installed properly?
The remote control does not work	- Check to see if there are any objects between the TV and remote control causing obstruction - Are batteries installed with correct polarity (+ / -) - Correct remote operating mode set: TV, VCR, etc? - Install new batteries
Power suddenly turns off	- Is the sleep timer set? - Check the power control settings. Power may be interrupted - No broadcast on the station tuned
Picture appears slowly after switching on	- This is normal, the image is muted during the product start up process. Please contact a service provider if the picture has not appeared after 5 minutes
Poor Color or picture	- Adjust the color in Menu option - Keep a sufficient distance between the product and the VCR - Try another channel, the problem may be with the broadcast - Are the VIDEO cables installed properly? - Activate any function to restore the brightness of the picture
Horizontal/vertical bars or picture shaking	- Check for local interference, such as an electrical appliance or power tool
Blue Screen	- Press SOURCE button to select correct source
Poor reception on some channels	- Station or cable experiencing problems. Tune to another station - Station signal is weak, reorient antenna to receive better reception - Check for sources of possible interference
Lines or streaks in pictures	- Check the antenna (change the direction of the antenna)
No output from one of the speakers	- Adjust balance in the Menu option

Troubleshooting

NOTE: When there is a problem in VGA mode (only when VGA mode is applied)

PROBLEM	POSSIBLE SOLUTION
The signal is out of range	- Adjust resolution, horizontal frequency, or vertical frequency - Check whether the signal cable is connected or loose - Check the input source
Vertical bar or stripe on background, horizontal noise and incorrect position	Set the auto configure or adjust clock, phase or H/V position
Screen Color is unstable or is a single Color	- Check the signal cable - Re-install the PC video card

Maintenance

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you will have with your new TV. Be sure to turn the power off and unplug the power cord before you begin any cleaning.

Cleaning the screen

1. A great tip to dust off your screen. Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then use to wipe the screen.
2. Make sure the excess water is off the screen, then let air-dry before you turn on the TV.

Cleaning the Cabinet

To remove dirt or dust, wipe the cabinet with a soft, dry, lint-free cloth. Please be sure not to use a wet cloth.

Extended Absence

If you expect to leave your TV dormant for a long time (such as a vacation), it is a good idea to unplug the power cord to protect against possible damages from lightning or power surges.

The FCC Wants You To Know

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed or used in accordance with the instructions, may cause harmful interference to radio communications. However,there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user isencouraged to try to correct the interference by one or more of the following measures: 1) reorient or relocate the receiving antenna; 2) increase theseparation between the equipment and the receiver; 3) connect the equipment to an outlet on a circuit different from that to which the receiver is connected;
4) consult the dealer or an experienced radio/TV technician for additional suggestions.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulation.

Canadian DOC statement
Standard Television Receiving Apparatus Canada BETS-7
This Class B digital apparatus complies with Canadian ICES-003.

Specifications

Panel Size	18.5 inches diagonally
Display Type	LCD
Panel Technology	TFT
Panel 60 Hz vs 120 Hz	60Hz
Display Resolution	720P
HD Compatible	up to 1080i
Panel Resolution	1366 x 768
Aspect Ratio	16:9
Contrast Ratio - panel	500:1
Brightness (Centre Typ.) cd/m2	200
Response Time (G to G)	5 ms
Lamp Life (Typ. Hours)	50,000 hours
Horizontal Viewing Angle (At CR>10)	90
Vertical Viewing Angle (At CR>10)	65